


RESPECTEZ les caractéristiques du template SVP

Title of the Event	TouCAM 2019		<i>Ici le logo de la conférence</i> 	
Nature	Colloque /national			
Language	French	Nb of attendees	130	
Location	Toulouse, France			
Porteur(s) <i>avec courriel</i>	Nathalie Tarrat tarrat@cemes.fr			
NEXT Laboratory(ies) involved	<ul style="list-style-type: none"> - LCPQ - LPCNO - CEMES - LPT 			
Dates	November 7-8, 2019			
URL link	http://toucam2019.sciencesconf.org			

Event scope and topics

These days are aimed at researchers from Toulouse, designers and users of numerical methods specific to atomic and molecular computation. They are primarily aimed at fostering interactions and strengthening links between teams at the local level.

The Toulouse community doing simulations at the atomic scale is now large. The investments made by the regional CALMIP mesocentre are a revealing indicator of the activity of the Toulouse node. However, since the research teams concerned are spread throughout the region and very diverse in terms of their applications, stronger interactions would make it possible to strengthen our activities, but also our visibility at the national/international level.

The objective of the TouCAM days is therefore to promote and share the methods used and/or developed in our Toulouse community, ranging from electronic structure to statistical physics, as well as multi-scale problematics. The aim is also to identify and exchange on each other's research topics. This type of event is particularly suitable for certain major themes such as the physical sciences for engineering, information processing and numerical modelling, material and energy transformation engineering and covers various fields of activity, such as energy, aeronautics and space, the environment, health...

Over the course of two days, we therefore propose, in the form of oral contributions and posters, to share on the methods and developments of each team concerned, but also on the themes and needs that can benefit from exchanges within our community. This sharing should make it possible to develop the mutualization of tools and knowledge, but also to facilitate and initiate collaborations on innovative subjects.

For the 2019 edition, these days will be open to our collaborators from the new Occitanie region (mainly Montpellier, Perpignan and Tarbes) as well as to theoreticians from Pau and Bordeaux.